

	Type	L #	Hits	Search T xt	DBs	Time Stamp
1	BRS	L69	1309	<i>L1</i> (ruthenium or Ru) near4 (gas or precursor or reactant)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:02
2	BRS	L70	1458	<i>L2</i> (ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:02
3	BRS	L71	3050	<i>L3</i> (bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2")))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:03
4	BRS	L72	236648	<i>L4</i> "O.sub.2" or "N.sub.20" or "H.sub.20" or "NO.sub.2" or "O.sub.3"	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:03

	Type	L #	Hits	Search Text	DBs	Time Stamp
5	BRS	L73	35	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3))) same ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:03

	Type	L #	Hits	Search Text	DBs	Time Stamp
6	BRS	L74	181	(((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.su b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) same ("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3")	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:03
7	BRS	L75	598949	(capacitor\$3 or DRAM or (dynamic adj random adj access adj memory) or SDRAM)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:03

	Type	L #	Hits	Search Text	DBs	Time Stamp
12	BRS	L76	32	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3))) same ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) and (capacitor\$3 or DRAM or (dynamic adj random adj access adj memory) or SDRAM)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:04

	Type	L #	Hits	S arch Text	DBs	Time Stamp
13	BRS	L77	119	(((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.su b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) same ("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3")) and ((capacitor\$3 or DRAM or (dynamic adj random adj access adj memory) or SDRAM))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:04

	Type	L #	Hits	S arch Text	DBs	Time Stamp
14	BRS	L78	18	((((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) same ("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3")) and ((capacitor\$3 or DRAM or (dynamic adj random adj access adj memory) or SDRAM))) and @py<2001	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:11

	Type	L #	Hits	S arch T xt	DBs	Time Stamp
15	BRS	L79	36	((((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) same ("O.sub.2" or "N.sub.20" or "H.sub.20" or "NO.sub.2" or "O.sub.3")) and ((capacitor\$3 or DRAM or (dynamic adj random adj access adj memory) or SDRAM))) and @py<=2001	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:04

	Type	L #	Hits	Search Text	DBs	Time Stamp
8	BRS	L80	4449	((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:03
9	BRS	L81	113280 8	("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3") or (oxygen or oxidiz\$4 or oxidat\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:03

	Type	L #	Hits	Search Text	DBs	Time Stamp
10	BRS	L82	287	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. 4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) near8 (stop\$4 or terminat\$4 or end\$4 or reduc\$4 or slow\$4 or paus\$4 or cycl\$4 or puls\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:03

	Type	L #	Hits	Search Text	DBs	Time Stamp
16	BRS	L83	59	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) near8 (stop\$4 or terminat\$4 or end\$4 or reduc\$4 or slow\$4 or paus\$4 or cycl\$4 or puls\$4)) same (("O.sub.2" or "N.sub.20" or "H.sub.20" or "NO.sub.2"	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM-TD B	2003/10/09 11:05

	Typ	L #	Hits	Search Text	DBs	Time Stamp
11	BRS	L84	680	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2")))) same (("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3") or (oxygen or oxidiz\$4 or oxidat\$4))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:04

	Type	L #	Hits	Search T xt	DBs	Time Stamp
17	BRS	L85	346	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.su b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) near8 (("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3") or (oxygen or oxidiz\$4 or oxidat\$4))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:04
18	BRS	^{L20} L86	4449	^{L1 L2 L3} 69 or 70 or 71	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:11
19	BRS	^{L21} L87	113280 8	^{L4} 72 or (oxygen or oxidiz\$4 or oxidat\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:12

	Type	L #	Hits	Search Text	DBs	Time Stamp
20	BRS	L88	5	<i>Lv</i> 86 near8 (absorp\$6 or adsorb\$6) near8 87	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:16
21	BRS	L89	287	<i>Lv</i> 86 near8 (stop\$4 or terminat\$4 or end\$4 or reduc\$4 or slow\$4 or paus\$4 or cycl\$4 or puls\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:17
22	BRS	L90	59	89 same 87	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:15
23	BRS	L91	346	87 near8 86	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:20
24	BRS	L92	295	86 near8 ("H.sub.2" or hydrogen)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:16

	Type	L #	Hits	Search Text	DBs	Time Stamp
25	BRS	L93	41	86 near8 ("H.sub.2" or hydrogen) near8 (anneal\$4 or reduc\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:17
26	BRS	L94	31	86 same (absorp\$6 or adsorb\$6) same 87	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:16
27	BRS	L95	885	86 same (stop\$4 or terminat\$4 or end\$4 or reduc\$4 or slow\$4 or paus\$4 or cycl\$4 or puls\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:17
28	BRS	L96	81	86 same ("H.sub.2" or hydrogen) near8 (anneal\$4 or reduc\$4) / <i>same</i>	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:17
29	BRS	L97	680	87 same 86	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 11:20

	Typ	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	1308	(ruthenium or Ru) near4 (gas or precursor or reactant)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 11:28
2	BRS	L2	1457	(ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 11:29
3	BRS	L3	3044	(bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadiencyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadiencyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2")))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 11:36
4	BRS	L4	236373	"O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3"	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 11:36

	Type	L #	Hits	Search Text	DBs	Time Stamp
5	BRS	L5	34	(1 or 2) same 3	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 11:37
6	BRS	L6	31	5 and (capacitor\$3 or DRAM or (dynamic adj random adj access adj memory) or SDRAM)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 11:38

	Type	L #	Hits	Search T xt	DBs	Time Stamp
1	BRS	L1	1308	(ruthenium or Ru) near4 (gas or precursor or reactant)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 14:07
2	BRS	L2	1457	(ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 14:07
3	BRS	L3	3044	(bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2")))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 14:07
4	BRS	L4	236373	"O.sub.2" or "N.sub.20" or "H.sub.20" or "NO.sub.2" or "O.sub.3"	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 14:07

	Type	L #	Hits	Search Text	DBs	Tim Stamp
5	BRS	L5	34	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3))) same ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2")))))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 14:07

	Type	L #	Hits	Search Text	DBs	Time Stamp
6	BRS	L6	31	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3))) same ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) and (capacitor\$3 or DRAM or (dynamic adj random adj access adj memory) or SDRAM)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 14:41
7	BRS	L7	179	(2 or 3) same 4	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 14:41
8	BRS	L8	598654	(capacitor\$3 or DRAM or (dynamic adj random adj access adj memory) or SDRAM)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 14:42

	Type	L #	Hits	Search Text	DBs	Time Stamp
9	BRS	L9	118	7 and 8	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/08 14:47

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	1309	(ruthenium or Ru) near4 (gas or precursor or reactant)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:36
2	BRS	L2	1458	(ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:36
3	BRS	L3	3050	(bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadiencyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadiencyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2")))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:36
4	BRS	L4	236648	"O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3"	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:37

	Type	L #	Hits	Search T xt	DBs	Time Stamp
5	BRS	L5	35	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3))) same ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadiencyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadiencyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.su b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:37

	Type	L #	Hits	Search Text	DBs	Time Stamp
6	BRS	L6	181	(((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.su b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) same ("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3")	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:37
7	BRS	L7	598949	(capacitor\$3 or DRAM or (dynamic adj random adj access adj memory) or SDRAM)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:37

	Type	L #	Hits	S arch Text	DBs	Time Stamp
8	BRS	L8	4449	((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:37
9	BRS	L9	1132808	("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3") or (oxygen or oxidiz\$4 or oxidat\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:37

	Type	L #	Hits	Search Text	DBs	Time Stamp
10	BRS	L10	287	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) near8 (stop\$4 or terminat\$4 or end\$4 or reduc\$4 or slow\$4 or paus\$4 or cycl\$4 or puls\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:38

	Type	L #	Hits	Search Text	DBs	Time Stamp
11	BRS	L11	680	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2")))) same (("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3") or (oxygen or oxidiz\$4 or oxidat\$4))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM-TD B	2003/10/09 13:38

	Type	L #	Hits	Search Text	DBs	Time Stamp
12	BRS	L18	4449	((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:39
13	BRS	L19	1132808	("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3") or (oxygen or oxidiz\$4 or oxidat\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:39

	Type	L #	Hits	Search T xt	DBs	Time Stamp
14	BRS	L22	59	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) near8 (stop\$4 or terminat\$4 or end\$4 or reduc\$4 or slow\$4 or paus\$4 or cycl\$4 or puls\$4)) same (("O.sub.2" or "N.sub.20" or "H.sub.20" or "NO.sub.2"	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:40

	Type	L #	Hits	Search Text	DBs	Time Stamp
15	BRS	L23	346	((("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3") or (oxygen or oxidiz\$4 or oxidat\$4)) near8 (((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:40

	Type	L #	Hits	Search Text	DBs	Time Stamp
16	BRS	L24	295	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. 4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) near8 ("H.sub.2" or hydrogen)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:41

	Type	L #	Hits	S arch Text	DBs	Time Stamp
17	BRS	L25	41	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) near8 ("H.sub.2" or hydrogen) near8 (anneal\$4 or reduc\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:41

	Type	L #	Hits	Search T xt	DBs	Time Stamp
18	BRS	L26	31	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2")))) same (absorp\$6 or adsorb\$6) same (("O.sub.2" or "N.sub.20" or "H.sub.20" or "NO.sub.2" or "O.sub.3") or (oxygen or oxidiz\$4 or oxidat\$4))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM-TD B	2003/10/09 13:41

	Type	L #	Hits	Search T xt	DBs	Time Stamp
19	BRS	L27	885	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) same (stop\$4 or terminat\$4 or end\$4 or reduc\$4 or slow\$4 or paus\$4 or cycl\$4 or puls\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:41

	Type	L #	Hits	Search Text	DBs	Time Stamp
20	BRS	L29	680	(("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3") or (oxygen or oxidiz\$4 or oxidat\$4)) same (((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:41

	Type	L #	Hits	Search Text	DBs	Time Stamp
21	BRS	L12	32	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3))) same ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) and (capacitor\$3 or DRAM or (dynamic adj random adj access adj memory) or SDRAM)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:41

	Type	L #	Hits	Search T xt	DBs	Time Stamp
22	BRS	L13	119	(((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) same ("O.sub.2" or "N.sub.20" or "H.sub.20" or "NO.sub.2" or "O.sub.3")) and ((capacitor\$3 or DRAM or (dynamic adj random adj access adj memory) or SDRAM))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:41

	Type	L #	Hits	Search Text	DBs	Tim Stamp
23	BRS	L14	18	((((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) same ("O.sub.2" or "N.sub.20" or "H.sub.20" or "NO.sub.2" or "O.sub.3")) and ((capacitor\$3 or DRAM or (dynamic adj random adj access adj memory) or SDRAM))) and @py<2001	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:42

	Type	L #	Hits	Search T xt	DBs	Time Stamp
24	BRS	L15	36	((((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) same ("O.sub.2" or "N.sub.20" or "H.sub.20" or "NO.sub.2" or "O.sub.3")) and ((capacitor\$3 or DRAM or (dynamic adj random adj access adj memory) or SDRAM))) and @py<=2001	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:42

	Type	L #	Hits	Search T xt	DBs	Tim Stamp
25	BRS	L16	59	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) near8 (stop\$4 or terminat\$4 or end\$4 or reduc\$4 or slow\$4 or paus\$4 or cycl\$4 or puls\$4)) same ("O.sub.2" or "N.sub.20" or "H.sub.20" or "NO.sub.2"	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:42

	Type	L #	Hits	Search Text	DBs	Time Stamp
26	BRS	L17	346	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2")))))) near8 ("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3") or (oxygen or oxidiz\$4 or oxidat\$4))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:42

	Type	L #	Hits	Search Text	DBs	Time Stamp
27	BRS	L20	5	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) near8 (absorp\$6 or adsorb\$6) near8 ("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3") or (oxygen or oxidiz\$4 or oxidat\$4))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 15:10

	Typ	L #	Hits	Search Text	DBs	Time Stamp
28	BRS	L28	81	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) same ("H.sub.2" or hydrogen) near8 (anneal\$4 or reduc\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 13:53

	Type	L #	Hits	Search Text	DBs	Time Stamp
29	BRS	L21	287	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. 4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) near8 (stop\$4 or terminat\$4 or end\$4 or reduc\$4 or slow\$4 or paus\$4 or cycl\$4 or puls\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 14:29

	Type	L #	Hits	Search Text	DBs	Time Stamp
30	BRS	L31	8	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) near8 (absorp\$6 or adsorb\$6 or adsorb\$4 or adsorp\$4) near8 ("O.sub.2" or "N.sub.2O" or "H.sub.2O" or "NO.sub.2" or "O.sub.3") or (oxygen or oxidiz\$4 or	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 15:33

	Type	L #	Hits	Search Text	DBs	Time Stamp
31	BRS	L32	148	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.190.sub.2"))))) same (absorp\$6 or adsorb\$6 or adsorb\$4 or adsorp\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 15:14

	Typ	L #	Hits	Search T xt	DBs	Time Stamp
32	BRS	L33	52	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2")))) same (absorp\$6 or adsorb\$6 or adsorb\$4 or adsorp\$4) same (("O.sub.2" or "N.sub.20" or "H.sub.20" or "NO.sub.2" or "O.sub.3") or (oxygen or oxidiz\$4 or	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 15:18

	Type	L #	Hits	Search T xt	DBs	Time Stamp
33	BRS	L30	64	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub. b.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2"))))) near8 (absorp\$6 or adsorb\$6 or adsorb\$4 or adsorp\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 15:26
34	BRS	L34	84	32 not 30	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 15:26
35	BRS	L35	44	33 not 31	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/09 15:34

	L #	Hits	S arch Text	DBs	Time Stamp
1	L1	41	(((ruthenium or Ru) near4 (gas or precursor or reactant)) or ((ruthenium or Ru) near4 (gas\$3 or precursor\$3 or reactant\$3)) or ((bis-cyclopentadienyl or bis-methylcyclopentadienyl or bis-ethylcyclopentadienyl or tris-dipivaloylmethanate or (bis adj cyclopentadienyl) or (bis adj methylcyclopentadienyl) or (bis adj ethylcyclopentadienyl) or (tris adj dipivaloylmethanate) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("CH.sub.3C.sub.5H.sub.4")) or (Ru near2 ("C.sub.2H.sub.5C.sub.5H.sub.4")) or (Ru near2 ("C.sub.22H.sub.19O.sub.2")))))) near8 ("H.sub.2" or hydrogen) near8 (anneal\$4 or reduc\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/10/12 12:39